

Fig. 1

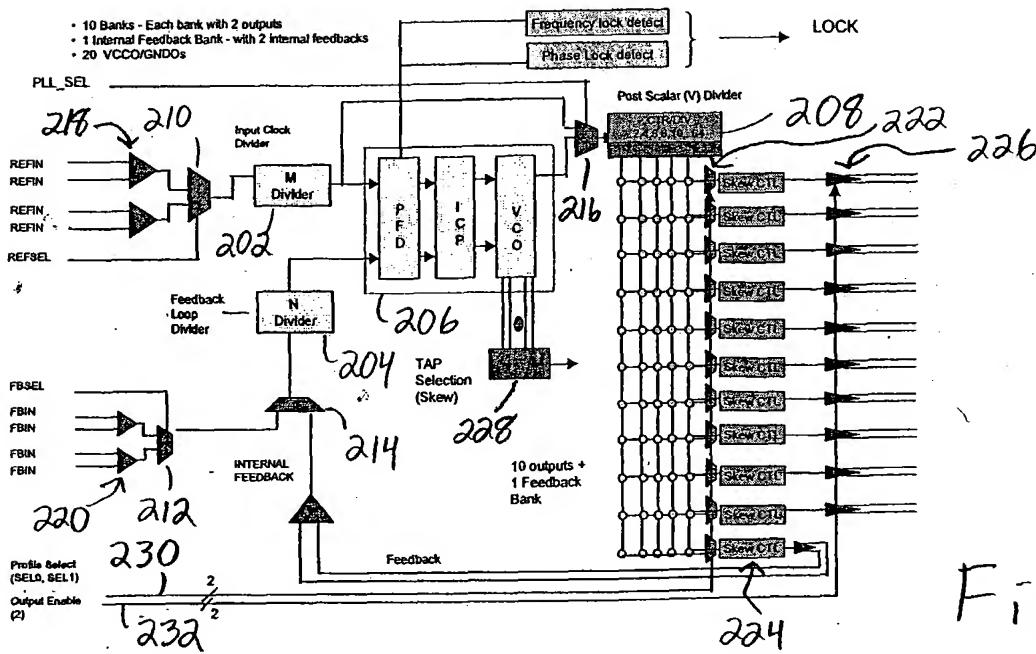


Fig. 2

External Frequency Select Control & Five Different Frequency Generations

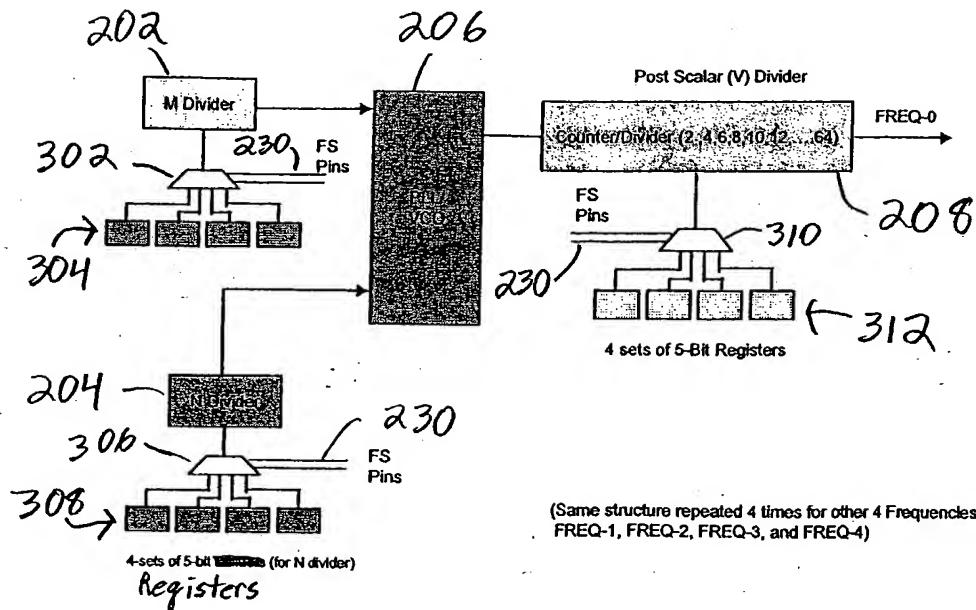


Fig. 3

External Frequency Select Control & Five Different Frequency Generations

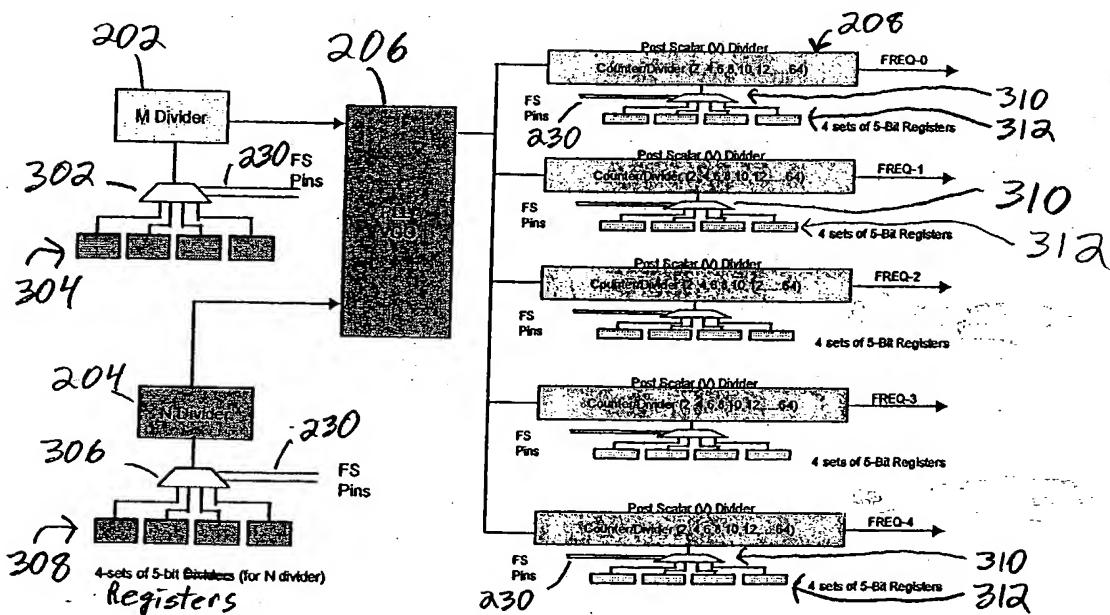


Fig. 4

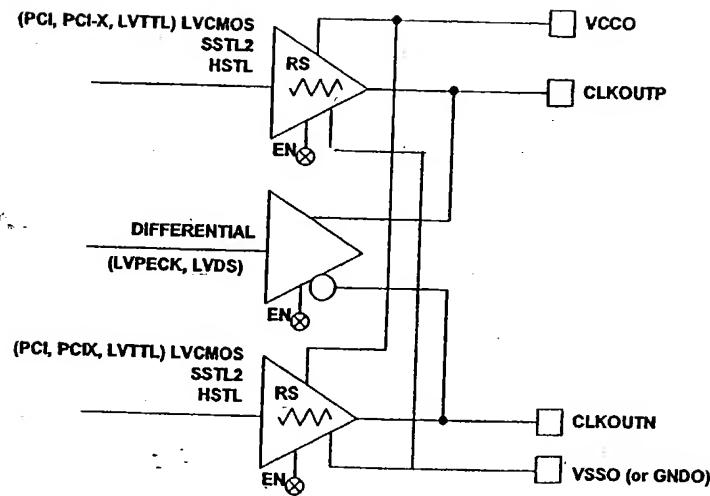


Fig. 5

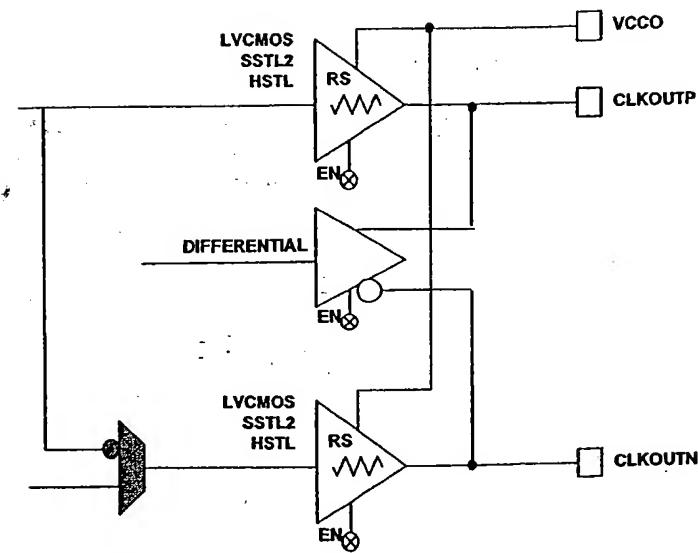


Fig. 6

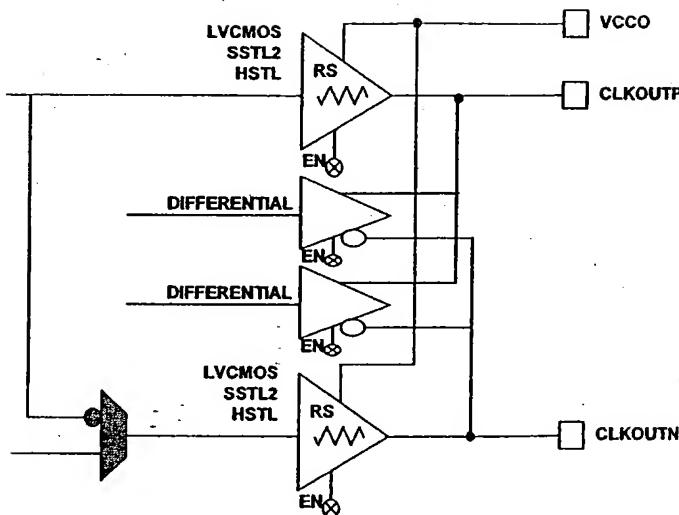
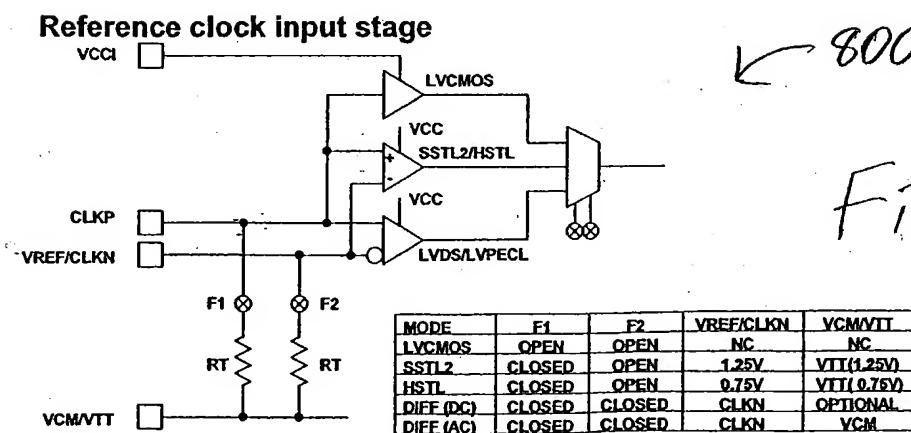
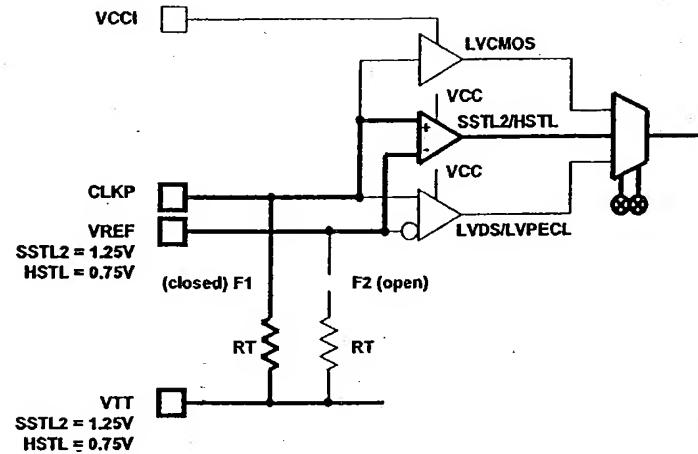


Fig. 7



MODE	F1	F2	VREF/CLKN	VCM/VTT
LVC MOS	OPEN	OPEN	NC	NC
SSTL2	CLOSED	OPEN	1.25V	VTT(1.25V)
HSTL	CLOSED	OPEN	0.75V	VTT(0.75V)
DIFF (DC)	CLOSED	CLOSED	CLKN	OPTIONAL
DIFF (AC)	CLOSED	CLOSED	CLKN	VCM

SSTL2/HSTL input application



Alternative DC coupled differential application

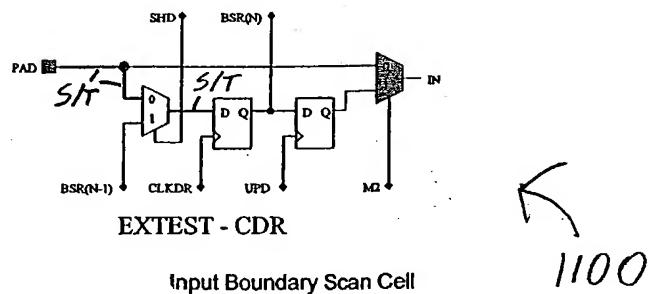
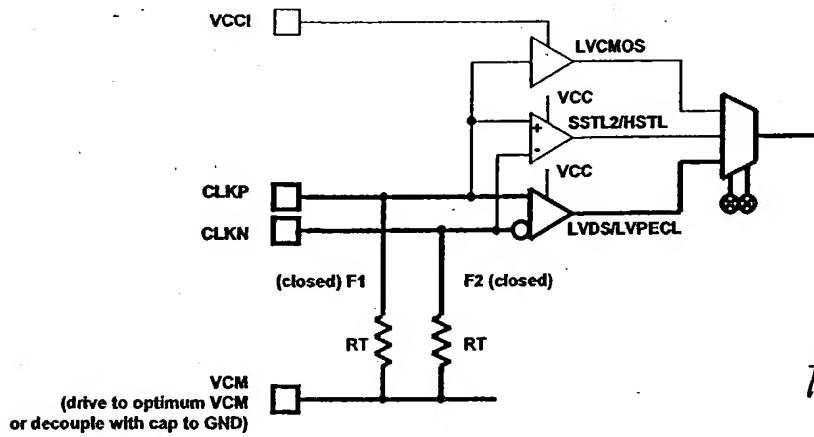


Fig. 11

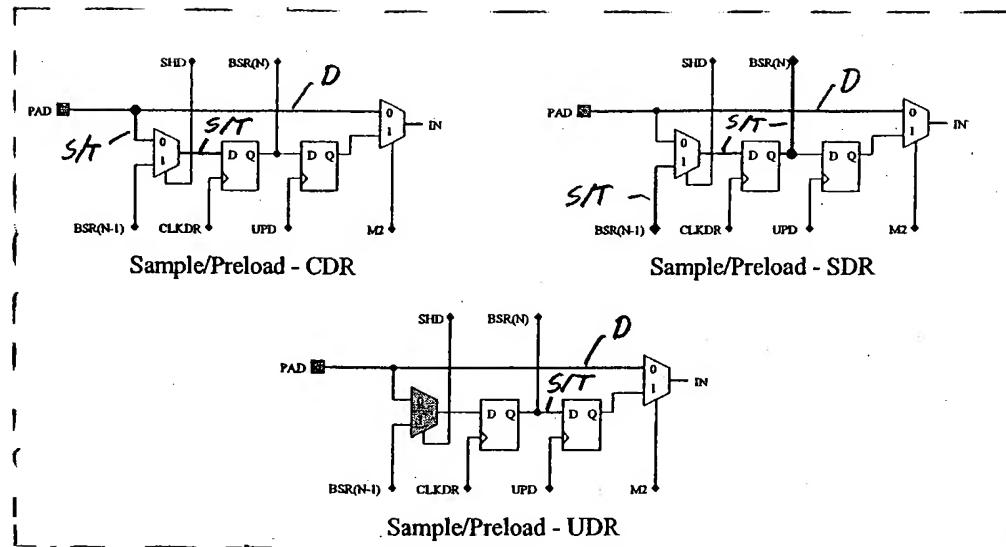


Fig. 12 - Sample/Preload BSC Operation

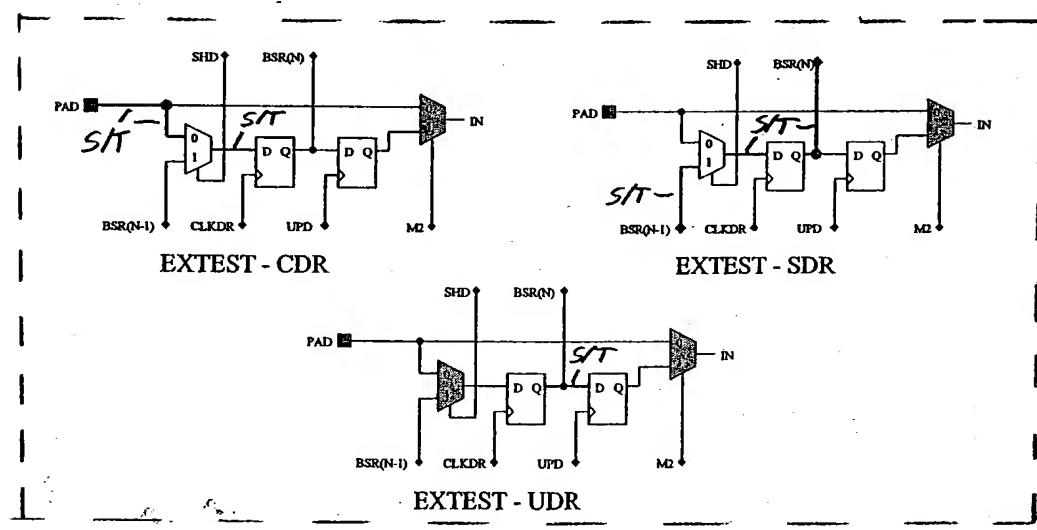


Fig. 13 - EXTEST BSC Operation

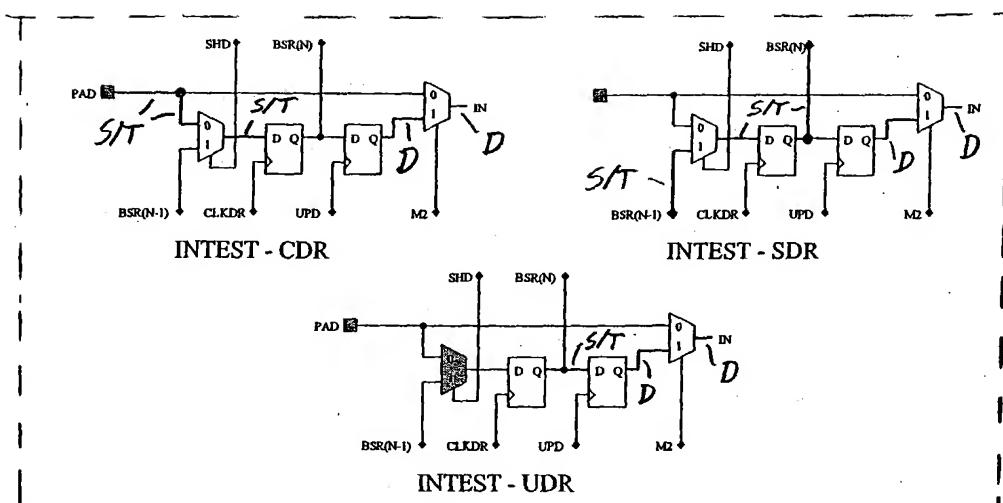


Fig. 14 - INTEST BSC Operation

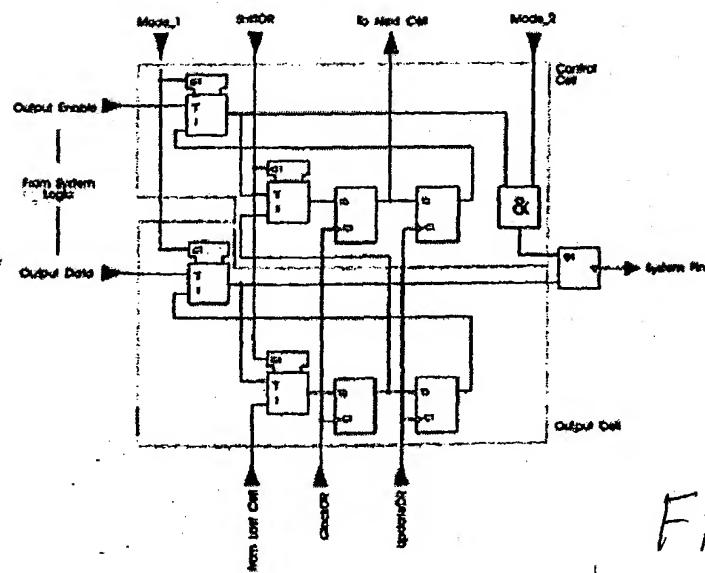


Fig. 15